



SHAVINGS

FROM THE PREZ

Hello Fellow Chippers,

Well can you smell that B.B.Q. chicken cooking yet? Or maybe you can taste the yummy brownies Art is famous for, we know the food will be great and hopefully the weather will cooperate and give us a beautiful day. Our B.B.Q. also seems to have the best instant gallery of the year, which is usually a sneak preview for what we have in store for the fair. We have our infamous bowl raffle with pieces donated for our very own club members. If you have any pieces to donate please contact me. Don't forget that this year we are having a "Top contest". To help make our B.B.Q. run smoothly we need help setting up that morning. If you can help, please show up about 8:00a.m.-8:30a.m. **DON'T FORGET TO BRING YOUR OWN CHAIRS.**

See you at the B.B.Q.,
Don Owen

San Diego Woodturners

A Chapter of the AAW

URL: <http://www.sdwt.org>

P.O. Box 507061 San Diego, CA 92150-7061

Volume 2002, Number 5

May 2002

It's Picnic Time!!

Pat and Ken Roth will host the San Diego Woodturners' Picnic at their palatial estate home in Poway on Saturday May 18th, from 10:00 AM until 2:00 PM. The Roth's picturesque country setting backdrops the most popular family event of the San Diego Woodturners' calendar year. The raffle will feature many turned pieces donated by some of the club's most outstanding turners. This will be a chance for you to get an outstanding, one-of-a-kind piece for your pleasure and enjoyment. Then there will be our regular instant gallery where we will undoubtedly see some of the outstanding pieces that will appear at the Del Mar Fair.

Wait! Our woodturning contest for this year's picnic will be tops, tops, and tops! Winners will be selected in each of the following classes: three-finger spinners, string and throw, wind and pull and fancy. There will also be a prize for the largest top that can spin for at least 10 seconds. Winners will receive ribbons and the tops will be donated to the Tops for Tots program.

Now for those of us who like to eat we will not be disappointed. Our own in-house caterer, Art Bolic, will dazzle and delight us with his wonderful selection of culinary delights. If you read his column you know that he places them second behind his family and that is only because his wife reads this newsletter also. This event is worth it just for the food alone.

The cost for all of this will be a mere ten dollars per person, same as last year, and kids 10 and under will get in free!

If a board member hasn't already contacted you, please RSVP to Ken Roth (858) 487-4814 or Joe Fleming (858) 586-0562 to let us know you are coming. Tell us how many people.

See page two for directions to the picnic.

CONTINUED ON PAGE 2

Board Members**President**

Don Owen (619) 426-1457

Vice President

Ernest Grabbe (858) 748-4839

Secretary

Don Werth (760) 630-4138

Treasurer

Don Kaufmann (858) 755-2007

Members at Large

Nan Bushley (760) 728-0591

Pete Campbell (909) 767-0455

Tom Cummings (760) 745-2769

Russell Duff (858) 270-8884

Joe Fleming (858) 586-0562

Oskar Kirsten (858) 274-3472

Mike Lonnecker (858) 451-2852

James O'Neal (760) 753-0090

Jim Reeve (858) 277-5779

Ken Roth (858) 487-4814

Lorin Youde (760) 436-4749

Committee Chairs**Newsletter Editors**

Joe Fleming (858) 586-0562

Jim Dossett (619) 299-4115

Video Librarian

Lynn Moon (858) 756-2296

Raffle

Warren Sherman (858) 571-2798

Del Mar Fair

Chuck Luebbbers (619) 262-8522

Lorin Youde (760) 436-4749

Gallery 21

Ken Roth (858) 487-4814

Don Kaufmann (858) 755-2007

"PICNIC" CONTINUED FROM PAGE 1

How to get to the picnic

- Traveling either north or south on I-15, take the Rancho Bernardo Road exit. Go east on Rancho Bernardo Road.
- The name changes to Espola Road when it enters Poway City limits a few blocks east of Pomerado Road.
- Continue eastward to Orchard Bend Road, turn right (south) on Orchard Bend.
- Take the third right onto Jackrabbit Road.
- 13636 Jackrabbit Road is on the right or just stop at the crowd.

The Raffle Report

The April raffle featured a Vicmarc VM100 chuck as the big prize and was won by Jim Leary.

For May, the raffle will include several very nice turned pieces donated by our more experienced club members. Come get your chance to win a piece by Pete Campbell, Don Owen, Oskar Kirsten, Joe Fleming or Chuck Luebbbers, among others. Tickets will be \$2 each or 6 for \$10.

Warren Sherman

San Diego Woodturners' Video Library

Don't forget that we have a video and book library available for you to check out tapes and books for a small fee. We have almost every turning video ever made and are starting to grow our collection of books.

For those of you with rentals that are outstanding, please return them to Lynn Moon, Box 972, Rancho Santa Fe, 92067, (858) 756-2296. Either bring them to the club meetings or mail them to me. Media mail is the best price.

New titles available include the following:

- | | |
|---------------------------------------|-----------|
| 90. Inside Out Turning | Silva |
| 91. Basic Off Centre Turning | Stott |
| 92. Relief Carving | Bennett |
| 93. Signature Gouge | Ellsworth |
| 94. Basic Bowl on Lathe | Raffan |
| 95. Hollowing Engrain & Turning a Box | Raffan |
| 96. Introduction to Bowl Turning | AAW |

April Program - Bill Haskell

Bill Haskell, from the Glendale Woodturners, gave a great demonstration on his techniques to pierce turned items. Bill uses pneumatic tools such as a die grinder to accomplish most of his work. He also uses an assortment of small files and rasps for detail work.



Design in Wood Exhibit at the San Diego County Fair

We still need volunteers to work the club's booth at the San Diego County Fair (formerly known as the Del Mar Fair). Once again, the San Diego Woodturners will have a demonstration booth in the corner so that we can help to show what we do to the public. Our booth is always one of the most popular attractions in the Design in Wood Exhibit. Hours of operation will be 10am to 2pm and 2pm to 6pm. These shifts are every day. Two people per shift is best. The Fair starts June 15th and runs through July 7th. Please call Chuck Luebbers or Lorin Youde for additional information or to sign up.

Mentors

Tom Cummings:

2310 El Norte Parkway West
Escondido
(760) 745-2769

Ed Ducharme:

9446 Lake Canyon Road
Santee
(619) 448-9389

Oskar Kirsten:

5101 Middleton Road
San Diego (Pacific Beach)
(858) 274-3472

Chuck Luebbers:

1849 Tulip Street
San Diego
(619) 262-8522

Don Owen:

1168 First Street
Chula Vista
(619) 426-1457

Horst Remmling:

410 E. Glaucus
Encinitas
(760) 436-6758

Ken Roth:

13636 Jackrabbit Road
Poway
(858) 487-4814

Jim Young:

11006 Rock Canyon Court
San Diego (Mira Mesa)
(858) 566-8767

Logo T-Shirts

San Diego Woodturner logo T-shirts are available for \$15 in medium, large and extra large. They are navy blue with the club logo on the back. See a board member for yours today.

Kirsten Reverse-Turning Kone

by Oskar Kirsten

The Turning Problem:

When hollowing a vessel, the piece must be mounted to the drive spindle at one end to allow tool access in the other. This mounting is typically accomplished in one of two ways. First, the turner puts a tenon at the end of the vessel for a chuck to grip, or second, the turners leave extra waste wood at the end for faceplate mounting. In either case, the tenon/waste wood can be cut away when the vessel is finished or it can be incorporated into the bottom of the vessel.

The Kirsten Kone jig was developed for final shaping of the foot of enclosed vessels. The design of the jig is such that the forces used to hold the piece will not be transmitted into the mouth and sides of the vessel. An enclosed vessel, if supported between the base and the mouth, can be compressed, causing it to break at its mouth or in its curved shoulder.

One way to avoid this undesirable compression is to chuck a long blank and to turn it into a mandrel that just barely clears the mouth of the vessel and yet reaches all the way to the bottom of the vessel so that the squeezing effect is at the inside bottom of the vessel instead of its sides and mouth. The drawbacks of this technique, of course, are that each mandrel must be custom-turned for each vessel. Besides the time needed to create the mandrel, you must retain turning stock for this sacrificial purpose. Additionally, it is very difficult to turn the mandrel to precisely the correct diameter at the mouth so that it doesn't rattle around. The task typically requires several remountings before the fit is good enough.

The "Kirsten Kone":

The "Kirsten Kone" does the same thing by basically transmitting the drive forces away from the mouth and sides of the vessel and into its bottom. This is accomplished by the long shaft of the jig pressing on the inside of the vessel's bottom while the tailstock presses on the outside of the bottom. All of the compression forces, therefore, are through the solid wood of the bottom instead of throughout the vessel's mouth and sides.

The real advantage of the "Kirsten Kone" design is that the sliding cone will engage the mouth of the vessel and provide just enough pressure to keep the mouth from rattling around while the foot is being turned without pressing too hard on the mouth.

The "Kirsten Kone" has a 1/4" hole bored in



KIRSTEN KONE – CONTINUED FROM PAGE 4

the end with a set screw so that an old 1" or 2" sanding mandrel can be inserted into the end of the shaft. By applying a 120 grit sanding disk to the sanding mandrel, there is enough friction to turn the vessel when the tailstock provides pressure from the outside of the bottom. A ¼" thick rubber disk glued on the end of the mandrel also works well. Sanding disks are preferred over rubber, however, because the rubber can leave "skid marks" at the bottom.

Finally, the entire jig is fitted to the drive spindle with a #2 Morse taper. This design ensures that the shaft runs true to the headstock.

Using the Kone:

This jig works best if the enclosed vessel has been fully turned inside and out, and sanded between centers, with the only remaining task being the removal of the chuck-mounting tenon at the vessel's base. The key to success is that the base of the vessel retains the tailstock cup point from the original between centers turning activity. By keeping the center point on the vessel throughout the turning process, you maintain a center reference for final mounting with the jig.

Begin by mounting the M2 taper end in the headstock. Choose an appropriate end diameter disc with sand paper that



will easily fit through the mouth of the vessel to be finished. Align the exterior tailstock cup to the dimple on the bottom of the vessel and tighten the tailstock until the jig's sanding/ rubber disk is compressed inside the vessel. Once it is good and tight, slide the cone forward to the vessel mouth and straighten the vessel with enough pressure to eliminate rattling and then tighten the Kone screw. **Once this is done, do not tighten with the tailstock again!!!!** If you tighten the tailstock more, the Kone will wedge tighter into the vessel's mouth and may cause the vessel to

KIRSTEN KONE – CONTINUED FROM PAGE 6

split at the mouth.

Once the vessel is set up, you can then turn away the remainder of the mounting tenon except for the nub where the tailstock point is located. Remember that all torque loading is via friction, so take light cuts to remove the tenon material. The foot can be shaped as desired with a flat or concave design. The bottom can be final sanded right up to the nub as well.

Alternately, the tenon/waste wood can be blended into the bottom of the vessel if you want to retain that wood as part of the vessel. As in any blending operation, you will have to resand and refinish the blended area.

Once the final tenon nub is all that is left, dismount the vessel and carefully cut the remaining nub with a small bench chisel or gouge. Then, hand-sand the small spot where the nub was attached.

Problems to Avoid:

Wood is relatively elastic and even though the tailstock cup is aligned to the base where it made its impression, sometimes the live center will move radially when other wood is removed during the hollowing process. As a result, the base may be a bit off-center when mounted on the jig. If this occurs, the tailstock point can be relocated at the bottom by trial and error until the vessel turns true. During this trial and error, do not set the Kone tightly into place. Wait until the final centering is complete before engaging the Kone. If the off-centeredness is very slight, the base of the vessel can be turned true the two surfaces blended by appropriate sanding

Another potential problem is that the mouth of the vessel will become oval due to drying or natural wood movement. The jig may not seat properly into an irregular mouth. If this occurs, there are several tricks to try. If the Kone fits part of the way around, but there is a gap on the other, a small wooden wedge or hard rubber filler can be fitted into the gap and taped in place with tape that doesn't stretch (duct tape is good, but electrical tape will stretch). Another solution is that the Kone can be wrapped with rubber prior to insertion into the mouth. The rubber will fill the irregular mouth.

Sometimes, the Kone may slip on the vessel causing burn marks on the mouth or metal marks if the cone is aluminum. This typically occurs when you try to take aggressive cuts. Only cut the mounting tenon with light cuts so that the vessel does not slip. If you are having a Kone made, make the cone from cheap plastics such as Polypropylene, Polyethylene or PVC instead of aluminum.

How to Obtain a Kirsten Kone:

The San Diego Woodturners has put together a special order with a local machine shop to produce a number of jigs at a very reasonable cost. The jigs will be about \$30 each. Please contact Nan Bushley or Joe Fleming to get added to the list.

Special Instant Gallery for the May Picnic **SPINNING TOPS**

Let's get the summer off on a good old fashion spin!!
We will hold a Special "Spinning Top" Instant Gallery at this year's picnic.

Here are the rules:

1. There will be four categories. They are:



Three Finger Spinners



String and Throw



Wind and Pull



Fancy

2. You can enter up to three tops in each category.
3. There must be at least three members entered in a category for the category to be judged.
4. All picnickers will vote for one winner in each category.
5. Ribbons will be awarded to the first place winner in each category.
6. All tops will be donated to our "Tops for Tots"

A special prize for the largest spinning top. It must demonstrate its ability to spin for 10 seconds.

The Instant Gallery Update

First let me remind everybody that the Instant Gallery for the May Annual Picnic will be TOPS. All of the entries will be donated to "Tops for Tots".

There are four categories: 1. Three Finger Spinners, 2. String and Throw, 3. Wind and Pull and 4. Fancy. See the April News Letter, page 7, for full rules. We will award First and Second place ribbons in each category with three or more entries. We are also having a Special Prize (\$20.00) for the largest top. The largest top must demonstrate its ability to spin for 10 seconds to win.

The April Instant Gallery was limited to boxes only, and we had some beauties. The Novice winner was Brian Jackson with a box made out of Pav Amarillo. Paul Pankratz won the Intermediate group with his Pau Ferro box. I won the Advance Group with a carved Pink Ivory tulip box. The Master group was won by Pete Campbell, his box was made from a Coolibah Burl.

Congratulations to all

Jim Reeve Instant Gallery
Chairman



Brian Jackson - Novice



Jim Reeve - Advanced



Paul Pankratz - Intermediate



Pete Campbell - Master



Utah Woodturning Symposium

The Utah Woodturning Symposium will be June 13 through 15 with a pre-symposium sale and demonstrations at Craft Supplies on June 12. San Diego always sends a large contingent to the symposium where 15 to 20 national and international demonstrators show turning techniques, skills and tools for all ability levels. The event also includes an awesome instant gallery, a barbeque steak picnic, a swap meet and the ever-popular egg cup races.

Craft Supplies' sale is all full of goodies and the demonstrations are free all day.

The fee is \$220 (\$110 for spouses) and local accommodations around \$60 per night. If you are interested, please see one of the board members for additional information.

When you register, the Symposium will mail you complete information about lodgings, etc. You don't have to wait, however, for that if you intend to go. Just ask Nan Bushley, Ken Roth or any other board member for suggestions on accommodations.

.....cut here.....

Utah Woodturning Symposium Registration Form

Please register me for the **Utah Woodturning Symposium**

Name: _____ Home Phone: _____

Address: _____ Work Phone: _____

City: _____ State _____ Zip _____

Enclosed is my: check _____ money order _____ in the amount of \$ _____

_____ on or before May 10th \$220.00

_____ After May 10th \$230.00

_____ Single Day Registration \$100.00

_____ Spouse Registration \$110.00

_____ Student Registration \$110.00

Send checks/money orders to:

UTAH WOODTURNING SYMPOSIUM
PO BOX 50196
Provo, UT 84605-0196
Phone: (801) 378-2021

San Diego Woodturners Club Calendar

May 2002

- Saturday, May 18th at 10:00 am - Annual Club Picnic at the Ken Roth Estate (he only has one) in Poway.
- Thursday May 30th at 7:00 pm - Board of Directors Meeting at the San Diego Woodturning Centre.

June 2002

- Wednesday, June 19th at 7:00 pm - General Club Meeting at the San Diego Woodturning Centre. Program: Sharpening by Joe Fleming and Tool-Making by Pete Campbell.
- Thursday June 27th at 7:00 pm - Board of Directors Meeting at the San Diego Woodturning Centre.

July 2002

- Saturday, July 20th at 9:00 am - 2nd Annual Mini-Symposium at the San Diego Woodturning Centre.
 - Thursday July 25th at 7:00 pm - Board of Directors Meeting at the San Diego Woodturning Centre.
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San Diego Woodturning Centre Calendar

See SDWTC website for other classes and information: <http://www.sdwoodturning.com/>

May 2002

- May 4-5 - Introduction to Woodturning from 8am to 4:30pm at the San Diego Woodturning Centre.
- May 6-7 - Basic Woodturning from 4pm to 7pm at the San Diego Woodturning Centre.
- May 13-14 - Basic Woodturning from 4pm to 7pm at the San Diego Woodturning Centre.
- May 20-21 - Basic Woodturning from 4pm to 7pm at the San Diego Woodturning Centre.
- May 25-26 - Intermediate Woodturning (Nested Bowls) from 8am to 4:30 pm at the SD Woodturning Centre.

June 2002

- June 29-30 - Basic Woodturning Projects from 8am to 4:30 pm at the SD Woodturning Centre.

July 2002

- July 1-2 - Basic Woodturning I from 4pm to 7pm at the San Diego Woodturning Centre.
- July 6-7 - Basic Woodturning Ia from 8am to 4:30pm at the San Diego Woodturning Centre.
- July 8-9 - Basic Woodturning I from 4pm to 7pm at the San Diego Woodturning Centre.
- July 15-16 - Basic Woodturning I from 4pm to 7pm at the San Diego Woodturning Centre.
- July 27-28 - Basic Woodturning Projects from 8am to 4:30 pm at the SD Woodturning Centre.

San Diego Woodturning Centre: 2002 Calendar

The San Diego Woodturning Centre is currently planning to host three world-class demonstrators and instructors. On tap for the rest of 2002 are:

- Stewart Batty - July
- Dick Sing - August
- Vic Wood – September
- Stewart Batty - November

In addition to these demonstrators, the Centre will continue to offer Beginner, Novice and Intermediate classes every month. Please contact the Turning Centre for more details or visit the web site at:

<http://www.sdwoodturning.com/>.

Klingspor Sanding Pads/Disks

FLEXARBORS Sanding Disks (Kling-on)

2" at \$ 8.25 2" at 0.12 ea (25 or 50 in a box)
3" at \$9.25 3" at 0.18 ea (25 or 50 in a box)

See **Ken Roth** at the meeting or
call **(858) 487-4814**

Wide variety of wood available:

cocobolo	bocote
pink ivory	fiddleback maple
madrone burl	myrtle
goncalo alves	others

See **Pete Campbell**
(909) 767-0455

Assorted Tools for sale:

Delta contractors table saw: 10" blade with 32" steel pipe fence, 1-½ horse motor 110/220 \$250.00 with good blades

52" Unifence: fits the above saw or other table saws with table parts and a router slot cut into the table that can use the fence. \$150.00

Riobi 10" planer: with spare set of blades. \$75

Antique Furniture (please call)

Email or call **Jennifer Young** to see at:

jenniferyounghtm@yahoo.com or (619) 521-2983

RESOURCES AND DISCOUNTS

Cut & Dried Hardwoods

241 South Cedros Avenue
Solana Beach, CA 92075
(858) 481-0442

Tropical Exotic Hardwoods

2270 Camino Vida Roble
Ste "B",
Carlsbad, CA
(760) 434-3030

Rockler's

8199 Clairemont Mesa Blvd.
San Diego, CA 92111
(858) 268-1005

North County Tools

955-A Rancheros Drive
San Marcos, CA 92069
(760) 743-2004

Tool Depot - three locations

3799 Gaines Street, SD CA
(619) 220-7111

1441 Encinitas Blvd, Enc. CA
(760) 943-9120

The Hardwood & Hardware Co.

9040 Activity Road, Bldg E
San Diego, CA 92126
(858) 536-1800

Enviro-Safety Products

516 E. Modoc Ave.
Visalia, Ca 93292-7630
(800) 637-6606

1655 Broadway #13
Chula Vista, CA
(619) 585-1800

Woodworker West.

P. O. Box 66751
Los Angeles, CA 90066
(310) 398-5931

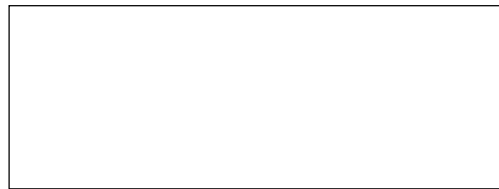
San Diego Woodturners, Inc.

A Nonprofit Corporation

A Chapter of the AAW

P.O. Box 507061

San Diego, CA 92150-7061



Club Picnic!!
at Ken Roth's house
in North Poway

Saturday, May 18, 2002
10:00 am to 2:00pm
